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**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

# Office Action Summary

**Application No.**

10/578,020

**Applicant(s)**

LI ET AL.

**Examiner**

ISAAC T. TECKLU

**Art Unit**

2192

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --  
**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 01 December 2008.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-35 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-35 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO/SE/US)  
Paper No(s)/Mail Date \_\_\_\_\_
- 4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date \_\_\_\_\_
- 5) ☐ Notice of Informal Patent Application
- 6) ☐ Other: \_\_\_\_\_

**DETAILED ACTION**

1. Claims 1-35 have been examined.

***Specification***

2. The specification is objected to as failing to provide proper antecedent basis for the claimed subject matter. See 37 CFR 1.75(d)(1) and MPEP § 608.01(o). Correction of the following is required: The specification is devoid of terms such as “computer usable medium” as recited in claim 21. The specification is inconsistent with terms recited in claim 21. The specification should be written in “full, clear, concise, and exact terms”. Appropriate correction is required.

***Response to Arguments***

3. Applicant's arguments with respect to claims 1-35 have been considered but are moot in view of the new ground(s) of rejection. See Ott et al. new art made of record below.

***Claim Rejections - 35 USC § 102***

4. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

5. Claims 1-4, 6, 8-29 and 32-35 are rejected under 35 U.S.C. 102(e) as being anticipated by Ott et al. (US 20050128995 A1).

Claim 1 (Currently Amended), Ott teaches A system for obtaining at least one content file requested by a content user from at least one content provider for remote site downloading at an access point (see at least e.g. FIG. 1, 110, 140 and related text) and delivering the at least one content file after arrival of the content user at the access point (see at least e.g. FIG. 1, 130 and related text), the system comprising:

a cache server having (see at least e.g. FIG. 1, 130 I-Station and related text):

means to connect to a data network (see at least e.g. FIG. 1, 140 and 130 and related text),

means to download the at least one content file from the at least one content providers over the data network upon receipt of a proxy (see at least paragraph [0053] "... deliver new and relevant content to the I-Station 130..."),

means to store the at least one downloaded content file (see at least e.g. FIG. 1, 160 and related text), and

means to locally deliver at access point the at least one stored content file to the content user which requested the content file (see at least paragraph [0014] "... transmit the stored content ... when the wireless device is in an area covered by the at least one hotspot network...", [0053] "... deliver new and relevant content to the I-Station 130..." and paragraph [0054] "...

when a mobile 110 visits an I-Station 130... retrieves the mobile's interest profile 120 and the content of its cache...download to the mobile 110...").

Claim 2, Ott teaches wherein the means to locally deliver the content file comprises a wireless router at the access point (see at least paragraph [0054] "... when a mobile 110 visits an I-Station 130... retrieves the mobile's interest profile 120 and the content of its cache...download to the mobile 110...").

Claim 3, Ott teaches means to dynamically create a directory for a content user when a content file requested by the content user is downloaded from the content provider (see at least e.g. FIG. 1, 120 – interest profile and directories),

means to store the downloaded content file in the directory corresponding to the content user (see at least e.g. FIG. 1, 160 and related text), and means to synchronize the downloaded content file to the content user when the content user is at the access point (see at least paragraph [0050] "... synchronizing the data for download...").

Claim 4 (Currently Amended), Ott teaches further comprising means to share stored content files for multiple content users including at least one dynamic user directory (see at least e.g. FIG. 1, 120 – interest profile and directories).

Claim 6, Ott teaches wherein the proxy is a data set (see at least e.g. FIG. 3, 130 and related text).

Claim 8, Ott teaches wherein the proxy is a data set or executable object contained in an e-mail or an instant message received by the cache server (see at least e.g. FIG. 3, 130 and related text).

Claim 9 (Currently Amended), Ott teaches wherein the proxy comprises data identifying the content file, content provider, content user, and/or expected time of arrival at the access point (e.g. FIG. 1, 120 and related text)

Claim 10, Ott teaches wherein the means to locally deliver comprises a wireless router or access point bridge at the access point, programming to enable the content user to log in at the her access point with a mobile device and, upon authentication of a logged in content user, routing the content file to the content user's mobile device (see at least paragraph [0080] "... authentication mechanism...").

Claim 11, Ott teaches wherein the cache server is a networked, Internet-enabled digital storage device (see at least e.g. FIG. 1, 130, 140 and related text).

Claim 12 (Currently Amended), Ott teaches A system for facilitating the transferring of a content file from a content provider to a content user mobile device comprising (see at least e.g. FIG. 1 and related text):

means for generating a proxy that identifies the content file, content provider, and content user; information about local service provider, content file and content user (see at least paragraph [0009] "... content descriptor...matches information profile...", paragraph [0018] "... executable ... generating data packets ... interest profile and a cache directory with the wireless device...", paragraph [0055] "... mobiles 110... information profiles 120..." and e.g. FIG. 1, 120 and related text); and

means for transmitting the proxy to the cache server at an access point (see at least paragraph [0009] "... interest profile... cache directory... data packets for transmission ...").

Claim 13 (Currently Amended), Ott teaches comprising a cache server at the access point which has means to download the content file from the remote content provider according to the transmitted proxy and means to locally transmit the content file to a content user mobile device (see at least paragraph [0014] "... transmit the stored content ... when the wireless device is an area covered by the at least one hotspot network...", [0053] "... deliver new and relevant content to the I-Station 130..." and paragraph [0054] "... when a mobile 110 visits an I-Station 130... retrieves the mobile's interest profile 120 and the content of its cache...download to the mobile 110..."),

said means to locally transmit the content file comprising means in the cache server for receiving and decoding a proxy containing parameters comprising an identification of the content file to be downloaded and the Internet address of the content provider see at least paragraph [0014] "... transmit the stored content ... when the wireless device is an area covered by the at least one hotspot network...");

means for executing the proxy to download the identified content file from the content provider; and means for transferring the downloaded content file to the content user mobile device at the access point ([0053] "... deliver new and relevant content to the I-Station 130..." and paragraph [0054] "... when a mobile 110 visits an I-Station 130... retrieves the mobile's interest profile 120 and the content of its cache...download to the mobile 110...").

Claim 14 (Currently Amended), Ott teaches means for obtaining parameters including at least the identity of the content file, the identity of the content provider, and the identity of the access point ~~hotspot~~ having the cache server, wherein the means for providing the proxy comprises means for providing a proxy using the obtained parameters (see at least paragraph

[0009] "... content descriptor...matches information profile..." and e.g. FIG. 1, 120 and related text).

Claim 15, Ott teaches means for the content user to pay the content provider and/or a remote downloading service provider for permission to remotely download the content file to the cache server at the access point and/or for locally transferring the content file from the cache server to a mobile device (see at least paragraph [0080] "... authentication mechanism...").

Claim 16 (Currently Amended), Ott teaches the means for obtaining parameters comprises means for capturing a request to the cache server to download the content file; and means for extracting at least some of the parameters from the captured request (see at least e.g. FIG. 1, 120 and related text).

Claim 17, Ott teaches the means for providing a proxy comprises means for providing a proxy including computer code which, when executed at the access point, causes the content file to be downloaded from the content provider (see at least paragraph [0014] "... transmit the stored content ... when the wireless device is an area covered by the at least one hotspot network...", [0053] "... deliver new and relevant content to the I-Station 130..." and paragraph [0054] "... when a mobile 110 visits an I-Station 130... retrieves the mobile's interest profile 120 and the content of its cache...download to the mobile 110...").

Claim 18 (Currently Amended), Ott teaches A system for facilitating the transferring of a content file from a remote content provider to a cache server over the Internet and for locally transferring the content file to a content user mobile device comprising (see at least paragraph [0014] "... transmit the stored content ... when the wireless device is an area covered by the at least one hotspot network...", [0053] "... deliver new and relevant content to the I-Station



130...” and paragraph [0054] “... when a mobile 110 visits an I-Station 130... retrieves the mobile’s interest profile 120 and the content of its cache...download to the mobile 110...”),

means in the cache server for receiving and decoding a proxy containing parameters comprising an identification of the content file to be downloaded and the Internet address of the content provider (see at least e.g. FIG. 1, 130 and related text);

means for executing the proxy to download the identified content file to the cache server (paragraph [0054] “... when a mobile 110 visits an I-Station 130... retrieves the mobile’s interest profile 120 and the content of its cache...download to the mobile 110...”); and

means for transferring the downloaded content file to the content user mobile device (see at least paragraph [0014] “... transmit the stored content ... when the wireless device is an area covered by the at least one hotspot network...”, [0053] “... deliver new and relevant content to the I-Station 130...” and paragraph [0054] “... when a mobile 110 visits an I-Station 130... retrieves the mobile’s interest profile 120 and the content of its cache...download to the mobile 110...”).

Claim 19 (Currently Amended), Ott teaches means for storing the received proxy; wherein the proxy comprises data identifying a time at which the content file is to be downloaded from the content provider (paragraph [0054] “... when a mobile 110 visits an I-Station 130... retrieves the mobile’s interest profile 120 and the content of its cache...download to the mobile 110...”); and wherein the means for using the proxy comprises means for using the stored proxy to download the content file from the content provider at the time indicated in the data of the proxy (see at least paragraph [0014] “... transmit the stored content ... when the wireless device is an area covered by the at least one hotspot network...”, [0053] “... deliver

new and relevant content to the I-Station 130...” and paragraph [0054] “... when a mobile 110 visits an I-Station 130... retrieves the mobile’s interest profile 120 and the content of its cache...download to the mobile 110...”).

Claim 20, Ott teaches means for receiving a proxy comprises means for receiving a proxy containing parameters including content user authentication data required for the content user to synchronize with the cache server and obtain access to the downloaded content file (see at least e.g. FIG. 1, 130 I-Station and related text); and wherein the means for using the proxy comprises means for using the user information contained in the proxy to download the identified data from the identified at least one server (see at least paragraph [0014] “... transmit the stored content ... when the wireless device is in an area covered by the at least one hotspot network...”, [0053] “... deliver new and relevant content to the I-Station 130...” and paragraph [0054] “... when a mobile 110 visits an I-Station 130... retrieves the mobile’s interest profile 120 and the content of its cache...download to the mobile 110...”).

Claim 21 (Currently Amended), Ott teaches A computer program product comprising a computer usable medium having computer readable code embodied therein, the computer readable code (see at least e.g. FIG. 1, 130 I-Station and related text), when executed, causing a computer to implement a method for facilitating the transferring of a content file from a remote content provider to a cache server at an access point and later to a local content user client device comprising (Paragraph 0052 and 0063 where the data for download from the content provider to the local storage mobile terminal):

providing a proxy that facilitates the downloading of a content file to a cache server from a remote content provider over the Internet using Internet protocol; and transmitting the proxy to

a cache server capable of using the proxy to download the content file from the remote content provider over the Internet and later transfer the downloaded content file to the client device (see at least paragraph [0014] "... transmit the stored content ... when the wireless device is an area covered by the at least one hotspot network...", [0053] "... deliver new and relevant content to the I-Station 130..." and paragraph [0054] "... when a mobile 110 visits an I-Station 130... retrieves the mobile's interest profile 120 and the content of its cache...download to the mobile 110...").

Claim 22, Ott teaches wherein the implemented method further comprises obtaining parameters including at least the identity of the content file, the identity of the content provider, the identity of the cache server, and identity of the content user; and wherein, in the implemented method, providing a proxy comprises providing a proxy using the obtained parameters (see at least e.g. FIG. 1, 120 and 130 I-Station and related text).

Claim 23, Ott teaches wherein, in the implemented method, obtaining parameters comprises capturing a content user request to the content provider for permission for the cache server to download the identified content file (see at least e.g. FIG. 1, 150 and related text; and extracting at least some of the parameters from the captured request ([0053] "... deliver new and relevant content to the I-Station 130..." and paragraph [0054] "... when a mobile 110 visits an I-Station 130... retrieves the mobile's interest profile 120 and the content of its cache...download to the mobile 110...").

Claim 24, Ott teaches wherein, in the implemented method, providing a proxy comprises providing a proxy including computer code which, when executed, causes the content file to be downloaded from the content provider ([0053] "... deliver new and relevant content to the I-

Station 130..." and paragraph [0054] "... when a mobile 110 visits an I-Station 130... retrieves the mobile's interest profile 120 and the content of its cache...download to the mobile 110...").

Claim 25 (Currently Amended), Ott teaches A method of caching at least one content files at a access point for a at least one plurality of content users who has requested, prior to being present at the access point hotspot, the at least one a content file to be downloaded from a content server and stored for delivery when the at least one content user is present at the her access point (see at least e.g. FIG. 1, 150 and related text) comprising

upon receipt at the cache server of a message which identifies a request for atleast one content file ordered by a the at least one content user prior to the at least one content user being present at the access point downloading the at least one content file from the remote cache server over the content server (see at least paragraph [0014] "... transmit the stored content ... when the wireless device is an area covered by the at least one hotspot network...", [0053] "... deliver new and relevant content to the I-Station 130..." and paragraph [0054] "... when a mobile 110 visits an I-Station 130... retrieves the mobile's interest profile 120 and the content of its cache...download to the mobile 110...")

storing the downloaded content file at the ~~hot spot~~ access point (see at least e.g. FIG. 1, 130 and related text); and

upon an at least one content user mobile device logging in at the ~~hot spot~~ access point, transmitting the at least one content file to the at least one content user mobile device (see at least paragraph [0014] "... transmit the stored content ... when the wireless device is an area covered by the at least one hotspot network...", [0053] "... deliver new and relevant content to the I-

Station 130..." and paragraph [0054] "... when a mobile 110 visits an I-Station 130... retrieves the mobile's interest profile 120 and the content of its cache...download to the mobile 110...").

Claim 26, Ott teaches the content file is delivered to the content user mobile device when the mobile device has logged in at the access point hotspot and the content user mobile device requests the delivery (see at least e.g. FIG. 1, 110 and related text).

Claim 27, Ott teaches the mobile device is a wireless enabled personal data assistant or a web-enabled cellular telephone (see at least e.g. FIG. 1, 110 and related text).

Claim 28, Ott teaches the message comprises a proxy for an order for the content file (see at least e.g. FIG. 1, 150 and related text).

Claim 29 (Currently Amended), Ott teaches A method for facilitating the transfer of a content file from at least one remote content provider server to a content user mobile device comprising: (see at least paragraph [0014] "... transmit the stored content ... when the wireless device is in an area covered by the at least one hotspot network...", [0053] "... deliver new and relevant content to the I-Station 130..." and paragraph [0054] "... when a mobile 110 visits an I-Station 130... retrieves the mobile's interest profile 120 and the content of its cache...download to the mobile 110...")

receiving an access point wireless network an authenticated download order for a content file request from the content user mobile device downloading the content file at the access point wireless local area network, caching the content file (see at least e.g. FIG. 1, 150 and related text), and

upon the content user mobile client device signing in to the access point wireless delivering the content file to the content user mobile client device (see at least paragraph [0014])

“... transmit the stored content ... when the wireless device is in an area covered by the at least one hotspot network...”, [0053] “... deliver new and relevant content to the I-Station 130...” and paragraph [0054] “... when a mobile 110 visits an I-Station 130... retrieves the mobile’s interest profile 120 and the content of its cache...download to the mobile 110...”).

Claim 32 (Currently Amended), Ott teaches A method for facilitating the transferring of a content file from a remote content provider server (see at least paragraph [0014] “... transmit the stored content ... when the wireless device is in an area covered by the at least one hotspot network...”):

providing a proxy that facilitates the downloading of the content file from the content provider server (see at least e.g. FIG. 1, 120 and related text);

transmitting the proxy to a cache server at an access point enabled to execute the proxy to download the content file from the remote content provider server and (see at least paragraph [0014] “... transmit the stored content ... when the wireless device is in an area covered by the at least one hotspot network...”),

upon the content user mobile device being associated with access point cache server, transferring the downloaded content file to the content user mobile device (see at least paragraph [0014] “... transmit the stored content ... when the wireless device is in an area covered by the at least one hotspot network...”, [0053] “... deliver new and relevant content to the I-Station 130...” and paragraph [0054] “... when a mobile 110 visits an I-Station 130... retrieves the mobile’s interest profile 120 and the content of its cache...download to the mobile 110...”).

As per claim 33, the limitations are similar to the claim 22, thus same art and rationale apply.

Claim 34, Ott teaches A method for facilitating the transfer of content file from a remote content provider server to a content user mobile device (see at least paragraph [0014] "... transmit the stored content ... when the wireless device is an area covered by the at least one hotspot network...", [0053] "... deliver new and relevant content to the I-Station 130..." and paragraph [0054] "... when a mobile 110 visits an I-Station 130... retrieves the mobile's interest profile 120 and the content of its cache...download to the mobile 110...") comprising:

programming in the mobile device which causes the mobile device, in response to content user input, to provide parameters to a cache server, the parameters including at least the identity of the content file to be downloaded and the identity of the content provider server and the cache server (see at least e.g. FIG. 1, 110, 120 and related text),

in response to receiving the parameters provided by the mobile device, using the parameters to cause the identified content file to be downloaded from the remote content provider server (see at least e.g. FIG. 1, 120 and related text), and

in response to a communication received from the mobile device, transferring the downloaded content file to the mobile device (see at least paragraph [0014] "... transmit the stored content ... when the wireless device is an area covered by the at least one hotspot network...", [0053] "... deliver new and relevant content to the I-Station 130..." and paragraph [0054] "... when a mobile 110 visits an I-Station 130... retrieves the mobile's interest profile 120 and the content of its cache...download to the mobile 110...").

Claim 35, Ott teaches wherein the mobile device contains the programming (see at least e.g. FIG. 1, 110 – PDA- and related text).

***Claim Rejections - 35 USC § 103***

6. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

7. Claim 5 is rejected under 35 U.S.C. 103(a) as being unpatentable over Ott et al. (US 20050128995 A1) in view of Milkey et al. (US 2002/0273514 A1).

Claim 5, Ott substantially disclosed the above invention as claimed. However, Ott does not explicitly disclose the cache server to be a networked set-top box. Nevertheless, as evidenced by the teaching of Milkey, it is known to use set-top boxes to efficiently deliver content from multiple sources to multiple destinations in an electronic network especially for large digital files such as video or software program. Thus it is respectfully submitted that it would have been obvious to one skilled in the art at the time the invention was made to use set-top boxes to efficiently deliver content from multiple sources to multiple destination in an electronic network especially for large digital files such as video or software program as suggested by Milkey (paragraph [0008]).

8. Claims 7 and 30-31 are rejected under 35 U.S.C. 103(a) as being unpatentable over Ott et al. (US 20050128995 A1) in view of Sidles (US 2002/0062342 A1).



Claim 7, Ott substantially disclosed the invention as claimed above. However, Ott was silent regarding the proxy comprising cookies (Paragraph 0056 and Fig. 2 illustrate session data 48 previously stored to initially use it at AP, therefore, it stored as cookies or device address 52-2 to the target device). Nevertheless, as evidenced by the teaching of Sidles (US 2002/006) (paragraph [0020]). Thus, it is respectfully submitted that it would have been obvious to one skilled in the art at the time the invention was made to use cookies to detect user information and status information to authenticate user without the need to query user's identification and password as once suggested by Sidles (paragraph [0077]).

Claim 30 (Currently Amended), Ott teaches A method for ordering a content file over a first network from a remote content provider at a first time and receiving the content file at a second time over access point network (LAN) comprising (see at least e.g. FIG. 1, 140 and related text):

selecting an access point (see at least e.g. FIG. 1, 130 hotspot and related text)

ordering over the first network the content file from the remote content provider server at the first time for downloading at the selected access point sending order identification data comprising a URL of the content file (see at least paragraph [0036] "... web browser into mobile...");

connects URL content file to the access point (see at least paragraph [0036] "... web server...user selects...");

responsive to reception of the order identification data at the selected hot spot access point downloading the content file from the content provider server and storing the content file in storage cache in the access point network (see at least paragraph [0014] "... transmit the stored

content ... when the wireless device is in an area covered by the at least one hotspot network...”,  
[0053] “... deliver new and relevant content to the I-Station 130...” and paragraph [0054] “...  
when a mobile 110 visits an I-Station 130... retrieves the mobile’s interest profile 120 and the  
content of its cache...download to the mobile 110...”);

synchronizing a content user mobile device at the second time to the access point; and  
transferring the cached content file to the content user mobile device (see at least paragraph  
[0050] “... synchronizing the data for download...”).

Ott substantially disclosed the invention as claimed. However, Ott was silent regarding  
ordering over the first network the content file from the remote content provider server at the  
first time for downloading at the selected access point sending order identification data  
comprising a session specific cookie. Nevertheless, as evidenced by the teaching of Sidles (US  
2002/006) (paragraph [0020]). Thus, it is respectfully submitted that it would have been obvious  
to one skilled in the art at the time the invention was made to use cookies to detect user  
information and status information to authenticate user without the need to query user’s  
identification and password as once suggested by Sidles (paragraph [0077]).

Claim 31 (Currently Amended), Ott substantially disclosed the invention as claimed.  
However, Ott was silent regarding the session specific cookie comprises the identity of user  
information and payment status, the selected access point using the cookie to cause the data to be  
transferred from the at least one server to the computer. Nevertheless, as evidenced by the  
teaching of Sidles (US 2002/006) (paragraph [0020]). Thus, it is respectfully submitted that it  
would have been obvious to one skilled in the art at the time the invention was made to use

cookies to detect user information and status information to authenticate user without the need to query user's identification and password as once suggested by Sidles (paragraph [0077]).

*Conclusion*

9. Any inquiry concerning this communication or earlier communications from the examiner should be directed to ISAAC T. TECKLU whose telephone number is (571) 272-7957. The examiner can normally be reached on M-TH 9:30A - 8:00P.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Tuan Q. Dam can be reached on (571) 272-3695. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Isaac T Tecklu/  
Examiner, Art Unit 2192

/Tuan Q. Dam/  
Supervisory Patent Examiner, Art Unit 2192